PIONEER
The Art of Entertainment

Service Manual

ORDER NO.
RRV1754

CD CDV LD PLAYER
CLD-D606

- **Refer to the service manual RRV1693 for CLD-D406/KU.**

THIS MANUAL IS APPLICABLE TO THE FOLLOWING MODEL(S) AND TYPE(S).

Type	Model	Power requirement	Remarks
	CLD-D606		
KU/CA	○	AC120V	

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1. CONTRAST OF MISCELLANEOUS PARTS

NOTES: • *Parts marked by "NSP" are generally unavailable because they are not in our Master Spare Parts List.*

- *The ⚠ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.*
- *Screws adjacent to ▼ mark on the product are used for disassembly.*
- *Ref. No. : Numbers following P and hyphen (–) indicate the page (s) and location number (s) in the RRV1693 service manual, respectively.*
- *When ordering resistors, first convert resistance values into code form as shown in the following examples.*

Ex.1 When there are 2 effective digits (any digit apart from 0), such as 560 ohm and 47k ohm (tolerance is shown by J=5%, and K=10%).

560 Ω → 56 × 10¹ → 561 ..... RD1/4PU 5 6 1 J
47k Ω → 47 × 10³ → 473 ..... RD1/4PU 4 7 3 J
0.5 Ω → R50 ..... RN2H R 5 0 K
1 Ω → 1R0 ..... RS1P 1 R 0 K

Ex.2 When there are 3 effective digits (such as in high precision metal film resistors).

5.62k Ω → 562 × 10¹ → 5621 ..... RN1/4PC 5 6 2 1 F

■CONTRAST TABLE

CLD-D606/KU/CA and CLD-D406/KU have the same construction except for the following :

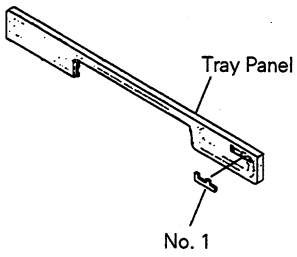
Ref. No.	Mark	Symbol and Description	Part No.		Remarks
			CLD-D406/KU	CLD-D606/KU/CA	
		PACKING			
P3– 1	NSP	Dry Cell Battery (R6P, AA)	VEM-013	Not used	
	NSP	Dry Cell Battery (R03, AAA)	Not used	VEM-022	
P3– 2		Video Cord	VDE1036	VDE1048	
P3– 8		Operating Instructions (English)	VRB1179	VRB1182	
P3– 10		Remote Control Unit (CU-CLD134)	VXX2400	Not used	
		Remote Control Unit (CU-CLD135)	Not used	VXX2412	
P3– 11		Battery Cover	VNK2806	VNK3668	
P3– 15		Packing Case	VHG1651	VHG1672	
		EXTERIOR AND DISC TRAY SECTION			
P5– 4		Rear Cover	VNK3950	VNK4019	
P5– 18		Tray Panel	VNK3929	VNK4018	
		Laser Disc Badge	Not used	VAM1029	No. 1
		TOP VIEW SECTION			
		YCPB Assy	Not used	VWV1502*	No. 2
		Earth Plate	Not used	VNE1518	No. 3
		FCC Plate	Not used	VNE2086	No. 4
		Flexible Cable (10P)	Not used	VDA1550	No. 5
		FRONT PANEL SECTION			
P8– 1		FLKY Assy	VWG1810	VWG1834*	
P8– 2		KEYB Assy	VWG1811	Not used	
	NSP	KEYB Assy	Not used	VWG1836*	
P8– 3		Name Plate	PAM1608	PAM1704	
P8– 6		Front Panel	VNK3926	VNK4017	
P8– 7		Sub Panel	VNK3931	VNK3979	
P8– 17	NSP	Getter Label	VRW1636	VRW1651	
		BOTTOM VIEW SECTION			
P9– 1		MOTHER Assy	VWS1281	VWS1304**	
P9– 3	⚠	POWER SUPPLY Assy	VWR1232	VWR1269*	
P9– 7		Rear Panel R	VNA1606	VNA1734	
P9– 14	NSP	Chassis	VNA1461	VNA1564	
P9– 15		Rear Panel L	VNA1819	VNA1846	
P9– 20		AC Inlet Assy	VKP2126	Not used	
P9– 21	NSP	Fuse Caution Label (G)	VRW-548	Not used	
P9– 22		Caution Label	VRW1486	Not used	
		Spacer	Not used	REB1171	No. 6
		F.ICP Caution Label	Not used	VRW1590	No. 7

Note: • The numbers in the remarks column correspond to the numbers on "EXPLODED VIEWS". Refer to "EXPLODED VIEWS".
• Marked " * " are refer to "PCB PARTS LIST"

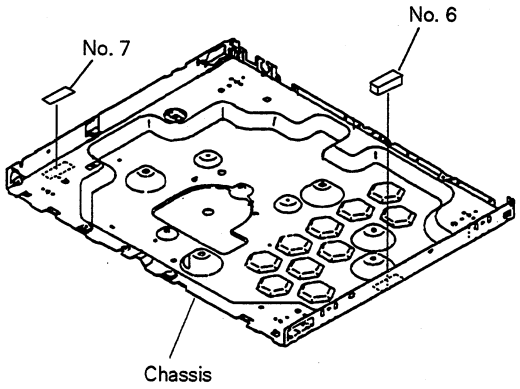
■ EXPLODED VIEWS

Note :The numbers on the exploded views correspond to the numbers in the remarks column of "CONTRAST TABLE".
Refer to "CONTRAST TABLE".

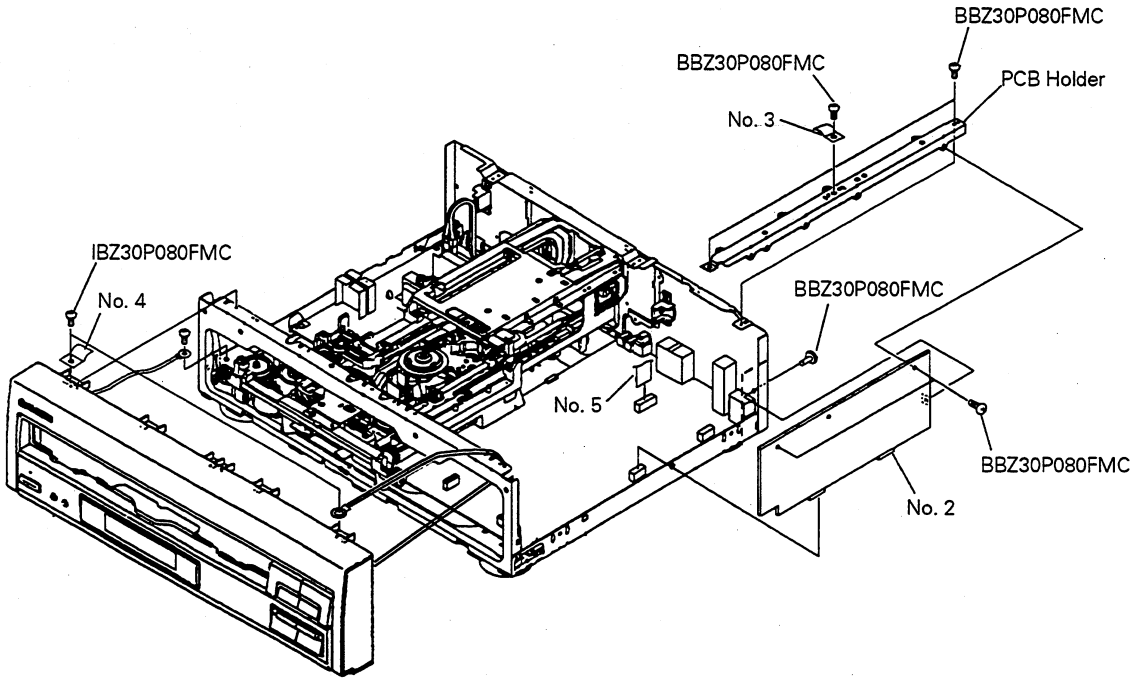
• EXTERIOR AND DISC TRAY SECTION



• BOTTOM VIEW SECTION



• TOP VIEW SECTION



■ PCB PARTS LIST

Mark	No.	Description	Part No.
LIST OF ASSEMBLIES			
⚠		POWER SUPPLY ASSY	VWR1269
NSP		MOTHER ASSY	VWM1754
		└MOTHER ASSY	VWS1304
NSP		FLKB ASSY	VWM1755
		├FLKY ASSY	VWG1834
NSP		└KEYB ASSY	VWG1836
		YCPB ASSY	VWV1502
F F POWER SUPPLY ASSY			
SEMICONDUCTORS			
	IC201		HA17431P
⚠	IC210		ICP-N15
⚠	IC211		ICP-N20
	IC202		UPC358C
	Q207, Q208, Q214		2SA933S
	Q205, Q206, Q210		2SC1740S
⚠	Q102, Q103		2SC3377
⚠	Q213		2SD2007
⚠	Q203, Q204		T7F4S
⚠	Q201, Q202		T7F4T
⚠	Q101		VZF1037
⚠	Q209		VZF1040
	D206		VZF1039
⚠	D104		1SS270A
	D209-D212, D216		AG01Z-V0
⚠	D101		D2SB60F4004
⚠	D102		EG01C
⚠	D105		K1V24
⚠	D103		MTZJ2.7B
	D218		MTZJ8.2B
⚠	D200		PS2501L1-1M
	D207		RD33FB2
	D202, D203		S3LA20
	D204		S3S4M
RESISTORS			
⚠	R257	(68Ω, 1/4W)	VCN1048
⚠	R258	(8.2Ω, 1/4W)	VCN1050
⚠	R256	(0.22Ω, 1/2W)	VCN1055
OTHERS			
⚠	F101	FUSE (2A)	REK1078
⚠	F203	FUSE (136°C)	VEK1033
⚠	F201, F202	FUSE (136°C)	VEK1034
⚠	F204, F205	FUSE (1A/125V)	VEK1036
MOTHER ASSY			
OTHERS			
	PC BOARD MOTHER		VNP1554

Mark	No.	Description	Part No.
G F MOTHER ASSY			
SEMICONDUCTORS			
	IC351		CA0002AM
	IC803		LA6510
	IC400		LA7134M
	IC901		LA9420M
	IC801		LA9425
	IC802		LC78620E
	IC703		MC14577CP
	IC500		PD0234A
	IC101		PD0245A2
	IC902		TA8410AK
	IC804		TC4W53F
	IC502		UPD42280GU-30
	IC904		XLA10393F
	IC202, IC903, IC905		XLA4560F
	Q1001, Q102, Q753, Q916		2PB709A
	Q201, Q202, Q391, Q393, Q394		2PD601A
	Q451, Q475, Q805, Q9001		2PD601A
	Q903, Q904, Q907, Q908, Q915		2PD601A
	Q917		2PD601A
	Q834		2SA854S
	Q411, Q803		2SC2412K
	Q152		2SC3802K
	Q204, Q205		2SD2144S
	Q208, Q301, Q302, Q392, Q918		DTA124EK
	Q103, Q303, Q901, Q910		DTC124EK
	Q840		FMY1A
	D102, D180, D801, D901, D902		1SS254
	D905, D963		1SS254
	D301, D303, D304, D802		1SS355
	D805		KV1851
	D110		MTZJ5.1B
COILS AND FILTERS			
	F113, F198, F199, F500, F503	CHIP BEAD	DTF1069
	F505, F507-F509, F547, F548	CHIP BEAD	DTF1069
	F5553-F5555, F561-F568	CHIP BEAD	DTF1069
	L413		LAU100J
	L410		LAU101J
	L351, L802-L804		LAU181J
	L100, L352, L412, L461, L470		LAU220J
	L700, L800, L801, L806-L809		LAU220J
	L411, L571		LAU270J
	L420, L421, L580		LAU430J
	L462		LAU560J
	L414, L5004		LAU8R2J
	L460		LFA561J
	F501	14.3MHz FILTER	VTF1055

Mark	No.	Description	Part No.
CAPACITORS			
	C420, C421, C438, C466, C583		CCSQCH100D50
	C111, C112, C202, C370, C393		CCSQCH101J50
	C5007, C5009, C5550–C5554		CCSQCH101J50
	C6001, C6002, C710, C719–C721		CCSQCH101J50
	C810, C846, C848, C891, C944		CCSQCH101J50
	C434, C437, C474, C579		CCSQCH120J50
	C416		CCSQCH121J50
	C415, C418, C475, C5010		CCSQCH150J50
	C161, C258, C259, C353, C812		CCSQCH151J50
	C352, C552		CCSQCH180J50
	C5011, C813, C823, C950		CCSQCH220J50
	C162, C417, C591, C935		CCSQCH221J50
	C371, C419, C433, C467, C931		CCSQCH270J50
	C106, C107, C354, C435, C452		CCSQCH330J50
	C553, C563, C580		CCSQCH330J50
	C351, C425, C476		CCSQCH390J50
	C260–C263, C464, C468		CCSQCH470J50
	C562		CCSQCH5R0C50
	C375, C561, C806		CCSQCH680J50
	C436, C809, C811		CCSQCH7R0D50
	C374, C814		CCSQCH820J50
	C460, C462		CCSQCH910J50
	C895		CEAL101M6R3
	C588, C763, C844		CEAL470M10
	C363, C765, C836		CEAL470M6R3
	C838		CEALNP470M6R3
	C972		CEANP220M10
	C450		CEANP470M6R3
	C274, C275, C367, C439		CEAS100M50
	C101, C270, C271, C364, C412		CEAS101M10
	C424, C493, C530, C538, C550		CEAS101M10
	C585, C700, C701, C801, C803		CEAS101M10
	C820, C833, C882, C890, C893		CEAS101M10
	C898, C917, C927, C933		CEAS101M10
	C974, C975		CEAS101M10
	C227, C281, C904		CEAS1R0M50
	C821, C922, C967		CEAS220M25
	C845, C870, C902, C926		CEAS2R2M50
	C225, C226, C369, C5004, C534		CEAS470M10
	C842		CEAS470M10
	C368, C943		CEASR47M50
	C968, C987		CEHAQ220M50
	C491		CEJA221M6R3
	C484		CEJA331M6R3
	C850		CEJA4R7M35
	C256, C490, C907		CKSQYB102K50
	C5002, C5003, C551, C915, C981		CKSQYB104K25
	C919		CKSQYB332K50
	C361, C362		CKSQYB392K50
	C355–C358, C377, C909		CKSQYB472K50
	C110, C122, C160, C196–C198		CKSQYF103Z50
	C372, C373, C376, C451, C454		CKSQYF103Z50
	C532, C533, C570, C577, C578		CKSQYF103Z50
	C581, C802, C804, C807, C819		CKSQYF103Z50
	C822, C831, C832, C834, C835		CKSQYF103Z50
	C843, C876, C883, C884		CKSQYF103Z50
	C888, C889, C892, C896, C897		CKSQYF103Z50
	C918, C928, C929, C932		CKSQYF103Z50
	C937, C938, C941, C961, C962		CKSQYF103Z50
	C964, C971, C982		CKSQYF103Z50

Mark	No.	Description	Part No.
	C102, C103, C151, C284, C285		CKSQYF104Z25
	C365, C366, C391, C413		CKSQYF104Z25
	C422, C423, C453, C457, C458		CKSQYF104Z25
	C485, C492, C494, C500, C5006		CKSQYF104Z25
	C501, C502, C531, C539, C574		CKSQYF104Z25
	C582, C587, C589, C592		CKSQYF104Z25
	C725, C726, C756, C758, C762		CKSQYF104Z25
	C764, C766, C827, C828		CKSQYF104Z25
	C840, C841, C847, C872–C874		CKSQYF104Z25
	C901, C910–C912, C976, C983		CKSQYF104Z25
	C837, C921, C930		CKSQYF223Z50
	C359, C360, C905, C951		CKSQYF224Z25
	C465, C808, C815, C875, C877		CKSQYF473Z25
	C924, C925		CKSQYF473Z25
	C942		COMA103J50
	C913, C920		COMA104J50
	C479, C908, C973		COMA154J50
	C903		COMA222J50
	C278, C282		COMA332J50
	C923		COMA473J50
	C934		COMA681J50
	C483		COMA683J50
	C871 (10µF/16V NP)		VCH1152
	VC901 (20pF)		VCM-008
RESISTORS			
	R420		RD1/4PU470J
	R625, R626, R755–R758		RN1/10SC75R0D
	R762, R765		RN1/10SE1001D
	R490, R987, R989		RN1/10SE1002D
	R880, R883		RN1/10SE1003D
	R763, R766		RN1/10SE2001D
	R753, R754		RN1/10SE2201D
	R752		RN1/10SE3301D
	R879, R986, R990		RN1/10SE3302D
	R259–R262, R881, R882		RN1/10SE4702D
	R927		RN1/4PC5101F
	VR450 (2.2kΩ)		PCP1025
	VR603 (4.7kΩ)		RCP1020
	VR604, VR607, VR608 (47kΩ)		RCP1047
	Other Resistors		RS1/10S□□□J
OTHERS			
	CN703	10P FFC CONNECTOR	52045-1045
	CN108	12P FFC CONNECTOR	52045-1245
	CN121	16P FFC CONNECTOR	52045-1645
	CN102	21P FFC CONNECTOR	52045-2145
	CN106	11P TOP POST	B11P-SHF-1AA
	CN503, CN701	B TO B CONNECTOR 12P	BTFN12S-3SB7
	J50	BOARD IN JUMPER	DB912NS0
	JA8	OPTICAL OUTPUT MODULE	GP1F32T
	JA3, JA4	REMOTE CONTROL JACK	PKN1004
		PCB BINDER	VEF1040
	JA6	4P PIN JACK	VKB1065
	JA15	3P PIN JACK	VKB1093
		S TERMINAL (8P)	VKN1134
	CN103	23P FFC CONNECTOR	VKN1199
			VNE1948
	KN101, KN102	EARTH METAL FITTING	VNF1084
	X101	CERAMIC RESONATOR(9.00MHz)	VSS1040
	X801	CRYSTAL RESONATOR(16MHz)	VSS1081
	X550	CRYSTAL RESONATOR (28.636MHz)	VSS1093

Mark	No.	Description	Part No.

FLKB ASSY

OTHERS

		PC BOARD FLKB	VNP1602

HF FLKY ASSY

SEMICONDUCTORS

		IC101	PD3360B
		IC141	S-806D
		Q142	DTA144ES
		Q141	DTC114ES
		D141	1SS254
		D301	SLR-342DUT31
		D302	SLR-342MCT31
		D303	SLR-342VCT31

SWITCHES

		S301-S303	ASG1034

CAPACITORS

		C142,C301	CEAL100M16
		C101	CEAL470M6R3
		C901,C902	CKPUYB151K50
		C111,C141	CKPUYF223Z25
		C143	CKPUYY103M16

RESISTORS

		All Resistors	RD1/4PU□□□J

OTHERS

	CN101	21P FFC CONNECTOR	52044-2145
	X101	CERAMIC RESONATOR(8MHz)	EF0EC8004A4
		REMOTE RECEIVER UNIT	GP1U28X
	V101	FL TUBE	VAW1041
		SPACER	VEC1599
		FL HOLDER	VNF1087

IF KEYB ASSY

SWITCHES

		S201-S208	ASG1034

CAPACITORS

		C500	CKPUYF223Z25

RESISTORS

		All Resistors	RD1/4PU□□□J

OTHERS

	CN203	FFC BOTTOM CONNECTOR 16P	52492-1620
	CN201	FFC BOTTOM CONNECTOR 21P	52492-2120

Mark	No.	Description	Part No.

JF YCPB ASSY

SEMICONDUCTORS

		IC701	CXD2046Q
		IC3002	NJM2209S
		IC3001	TC74HC4053AF
		IC3003	TC7W74F
		Q3017,Q3022,Q3025,Q3062,Q750	2PB709A
		Q3018-Q3021,Q3023,Q3024,Q3061	2PD601A
		Q3063,Q702,Q703	2PD601A
		Q3001	DTA124EK
		Q3002	DTC124EK

COILS AND FILTERS

		F701,F731,F771-F773 CHIP BEAD	DTF1069
		F777,F778 CHIP BEAD	DTF1069
		L3002	LFA121J
		L3003,L750,L751	LFA220J
		L3001	LFA221J

CAPACITORS

		C771,C772,C777	CCSQCH101J50
		C3010	CCSQCH151J50
		C3014,C3061,C750,C753	CCSQCH220J50
		C3011	CCSQCH221J50
		C754	CCSQCH470J50
		C752	CCSQCH560J50
		C751	CCSQCH6R0D50
		C3064	CCSQCH910J50
		C3016,C3017	CEAS100M16
		C3005,C3006	CEAS101M10
		C3007,C7001-C7003,C704	CEAS470M10
		C705	CKSQYB102K50
		C706,C707,C722	CKSQYB104K25
		C3002	CKSQYB122K50
		C3001,C3013	CKSQYB472K50
		C3012,C3062	CKSQYF103Z50
		C3003,C3004,C3008,C3009,C7004	CKSQYF104Z25
		C711,C713,C714,C716,C717	CKSQYF104Z25
		C724,C770,C773-C776	CKSQYF104Z25

RESISTORS

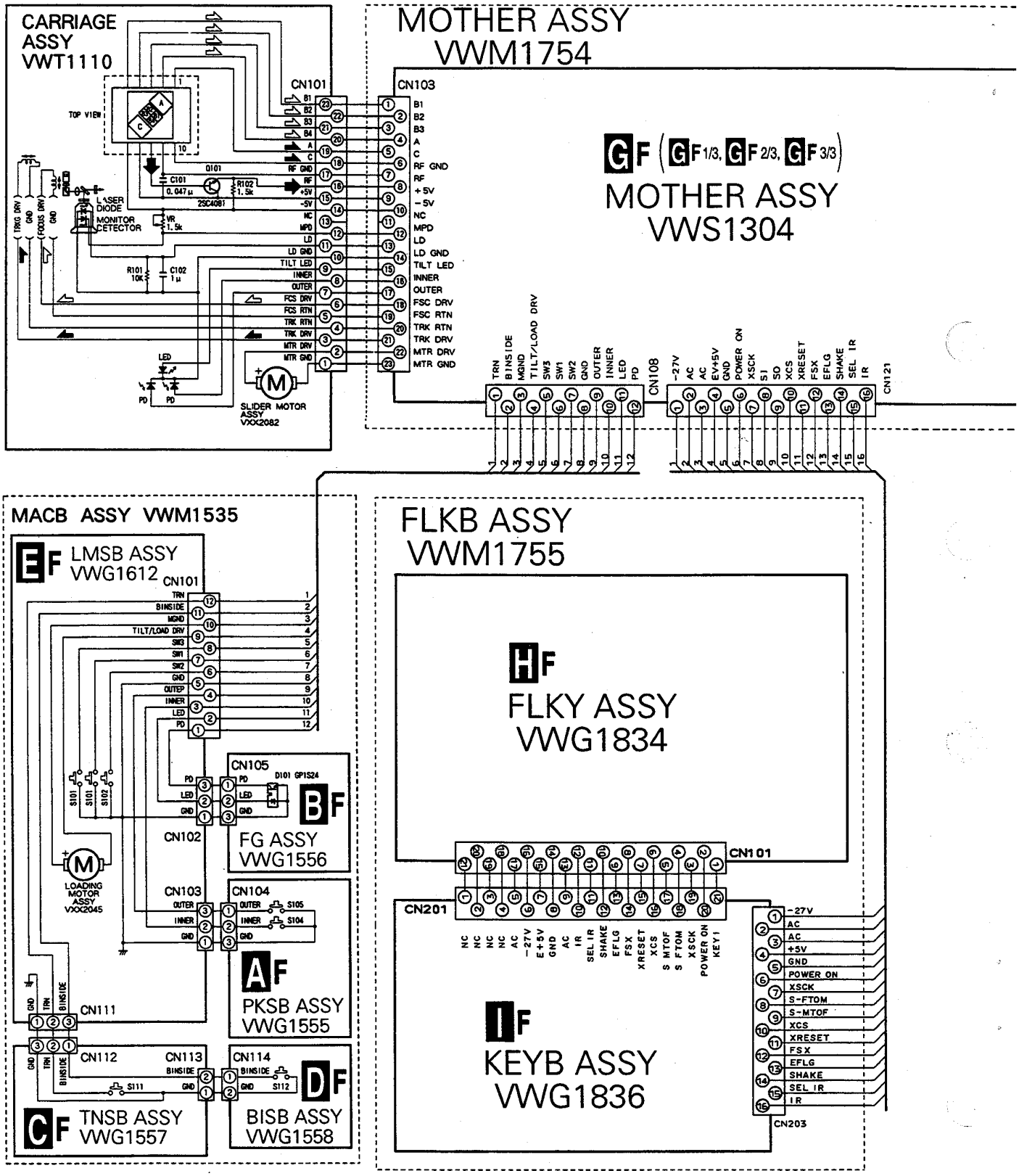
		R3037	RN1/10SE1001D
		R3036	RN1/10SE1301D
		R3022	RN1/10SE2001D
		R3021	RN1/10SE2201D
		R704,R705	RN1/10SE2700D
		R703,R707	RN1/10SE3301D
		R702	RN1/10SE3901D
		R701,R708	RN1/10SE4701D
		R706	RN1/10SE5601D
		Other Resistors	RS1/10S□□□J

OTHERS

	CN3001	10P FFC CONNECTOR	52045-1045
	CN103,CN104		BTFN12P-3RD7
		B TO B CONNECTOR 12P	
		SCREW TERMINAL	VNE1948
		PC BOARD YCPB	VNP1589

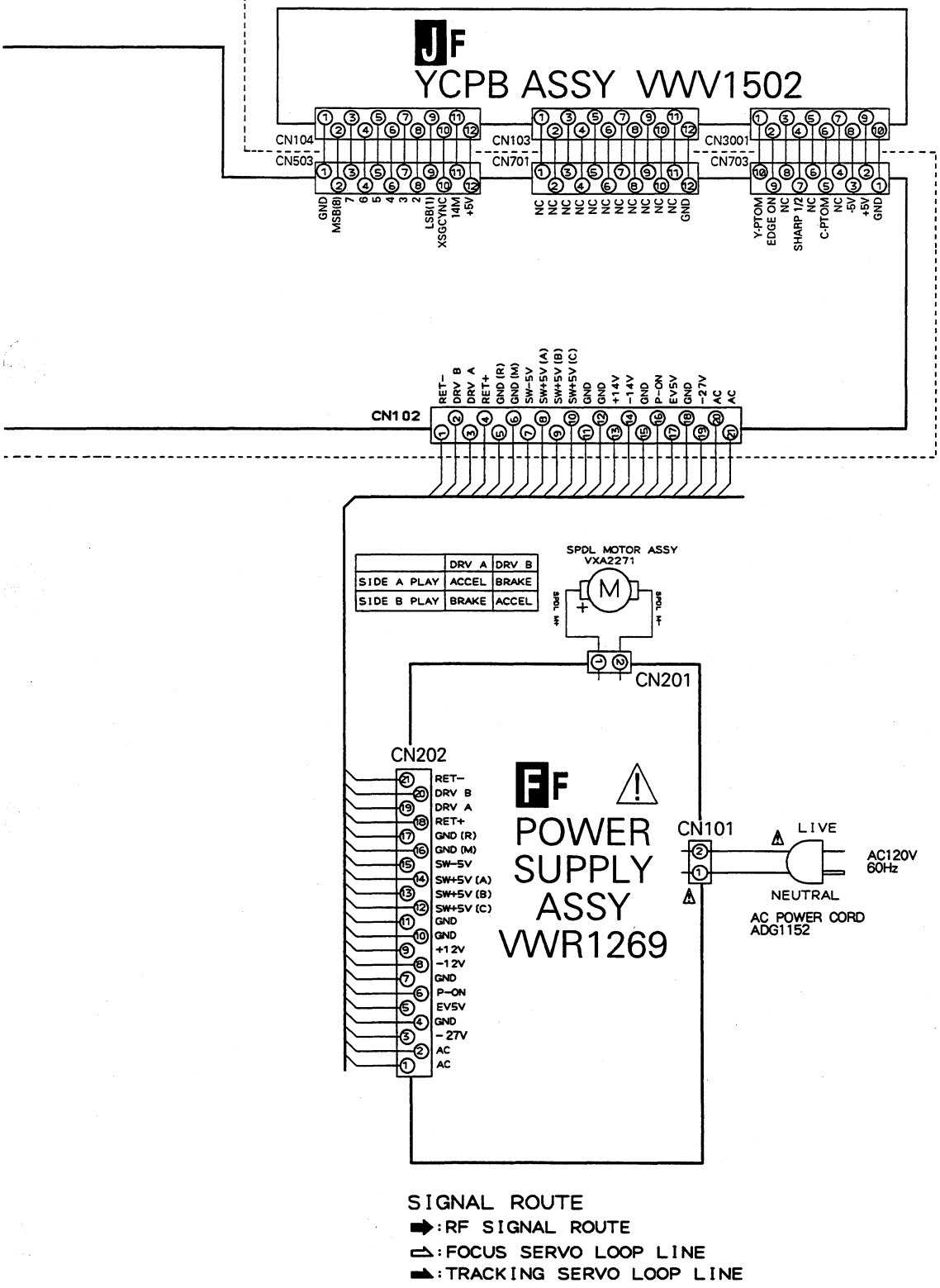
2. SCHEMATIC DIAGRAM

2.1 OVERALL CONNECTIONS, PKSB, FG, TNSB, BISB, LMSB AND CARRIAGE ASSEMBLIES



AF BF CF DF EF

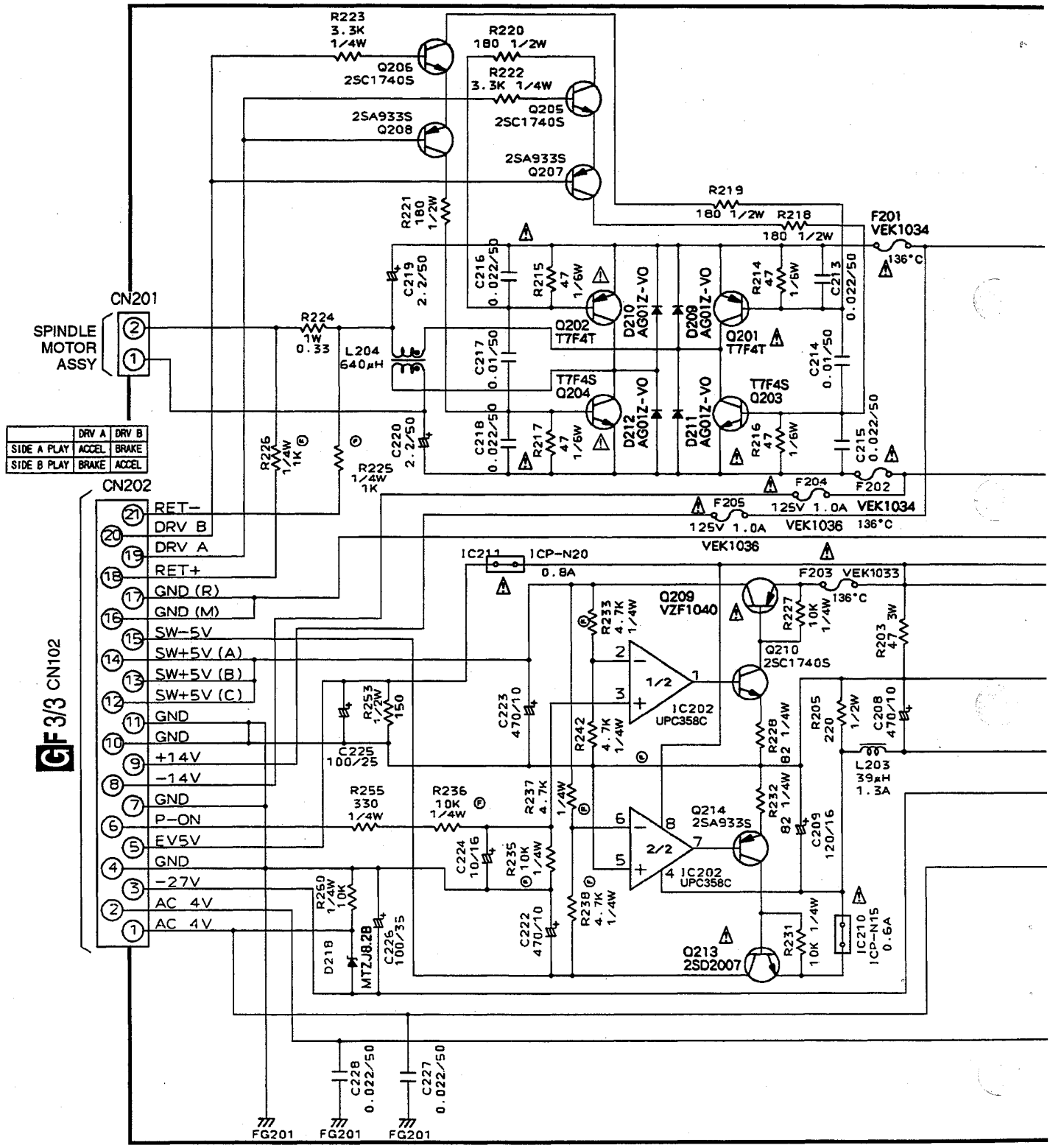
Note : When ordering service parts, be sure to refer to
"CONTRAST TABLE" or "PCB PARTS LIST"



2.2 POWER SUPPLY ASSY

⚠

FF POWER SUPPLY ASSY (VWR1269)



CAUTION : FOR CONTINUED PROTECTION AGAINST RISK OF FIRE, REPLACE ONLY WITH SAME TYPE NO. ICP-N20, MFD BY ROHM CO., LTD. FOR IC211.

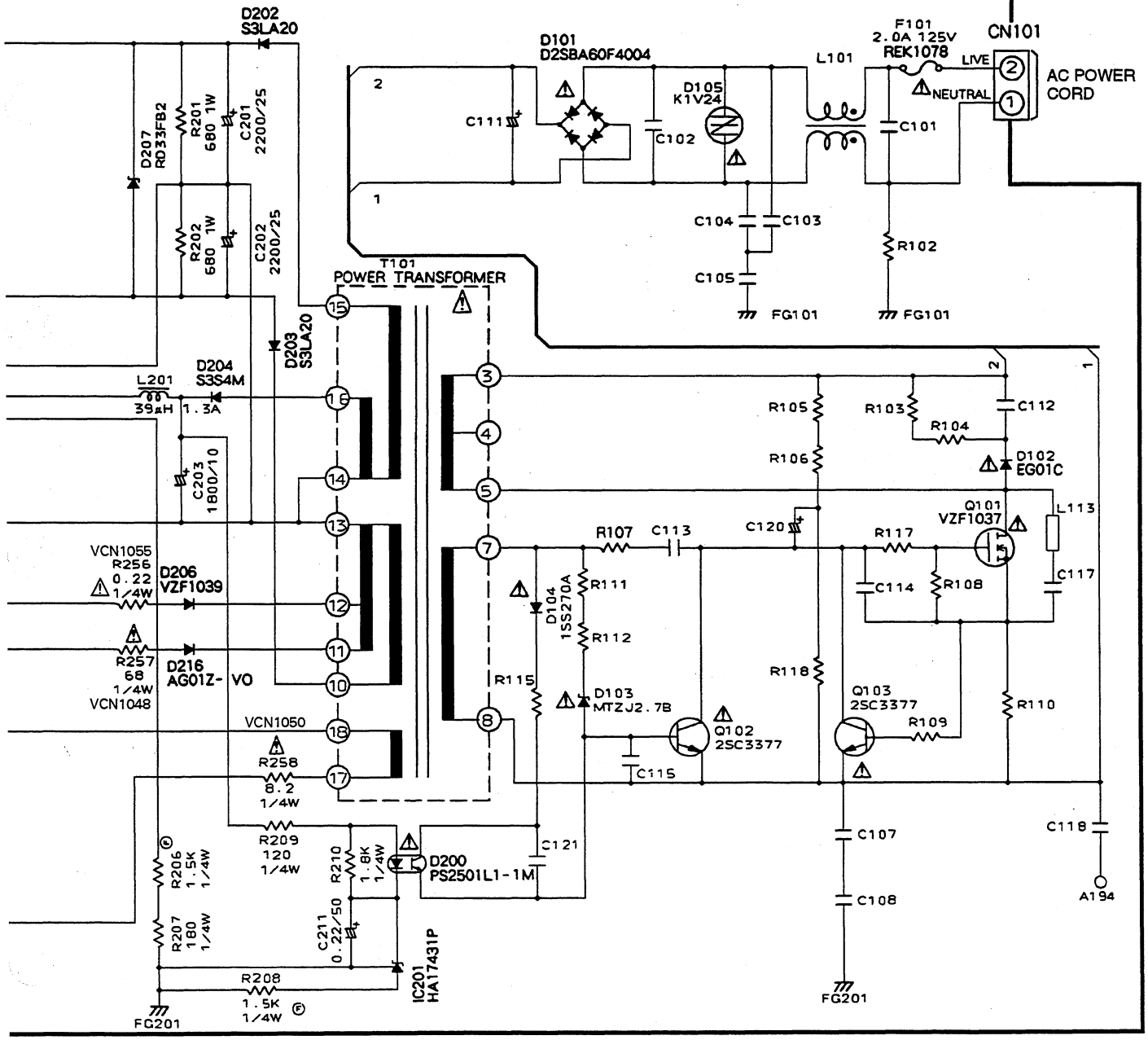
CAUTION : FOR CONTINUED PROTECTION AGAINST RISK OF FIRE, REPLACE ONLY WITH SAME TYPE NO. ICP-N15, MFD BY ROHM CO., LTD. FOR IC210.

《 NOTE OF SPARE PARTS IN POWER SUPPLY (SYPS) ASSY 》

- In case of repairing, use the described parts only to prevent an accident.
- Please write the red √ mark on the board when the primary section of POWER SUPPLY (SYPS) Assy is repaired.
- Please take care to keep the space, not touching other parts when replacing the parts.

- NOTE FOR FUSE REPLACEMENT

CAUTION - FOR CONTINUED PROTECTION AGAINST RISK OF FIRE. REPLACE ONLY WITH SAME TYPE AND RATINGS ONLY.



2.3 MOTHER ASSY

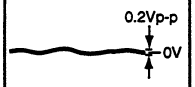
• WAVEFORMS AND VOLTAGE OF THE MOTHER ASSY

Note : (No.) in the table correspond to the pin number.

Measurement condition : In case when (D.audio) is written, at time when disc that has digital audio recording is played.

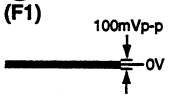
IC801 (LA9425)

⑨ 10msec/div



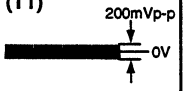
DC mode

⑳ 5msec/div
(F1)



DC mode

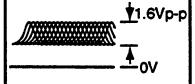
㉒ 5msec/div
(T1)



DC mode

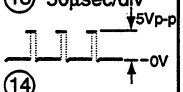
IC802 (LC78620E)

⑪ 0.5µsec/div

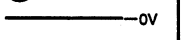


DC mode

⑬ 50µsec/div

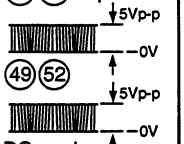


⑭



DC mode

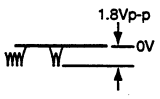
㊽㊸ 0.2µsec/div



DC mode

IC803 (LA6510)

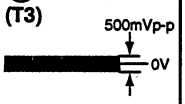
① 2msec/div



DC mode

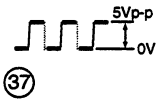
IC901 (LA9420M)

⑯ 5msec/div
(T3)



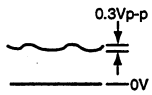
DC mode

㊳ 10µsec/div



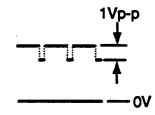
DC mode

㊵ 10msec/div



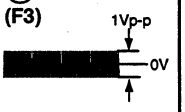
DC mode

㊽ 50µsec/div



DC mode

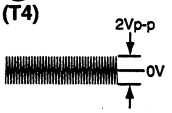
⑥⓪ 5msec/div
(F3)



DC mode

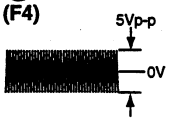
IC902 (TA8410AK)

① 5msec/div
(T4)



DC mode

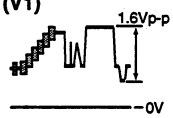
⑨ 5msec/div
(F4)



DC mode

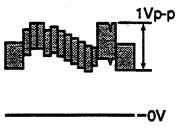
IC400 (LA7134M)

⑩ 10µsec/div
(V1)



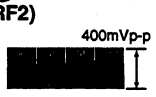
DC mode

㉕ 10µsec/div



DC mode

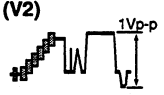
㉗ 2msec/div
(RF2)



AC mode

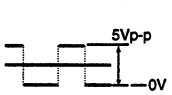
IC500 (PD0234A)

㉒ 10µsec/div
(V2)



DC mode

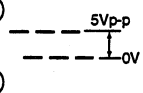
⑥⑤ 5msec/div



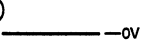
DC mode

10µsec/div

⑦⓪



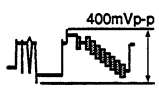
⑦①



DC mode

Q451 Emitter

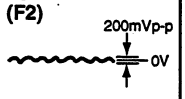
② 10µsec/div



AC mode

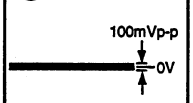
CN106

⑦ 5msec/div
(F2)



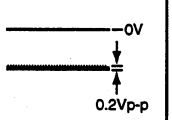
DC mode

⑩ 5msec/div



DC mode

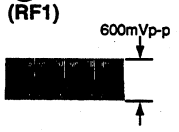
⑪ 5msec/div



DC mode

CN103

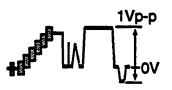
⑧ 2msec/div
(RF1)



AC mode

JA15 (VIDEO OUT)

① 10µsec/div

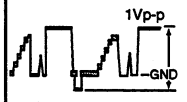


(75Ω termination)

DC mode

JA702 YOUT

③ 10µsec/div

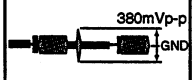


(75Ω termination)

DC mode

JA702 COUT

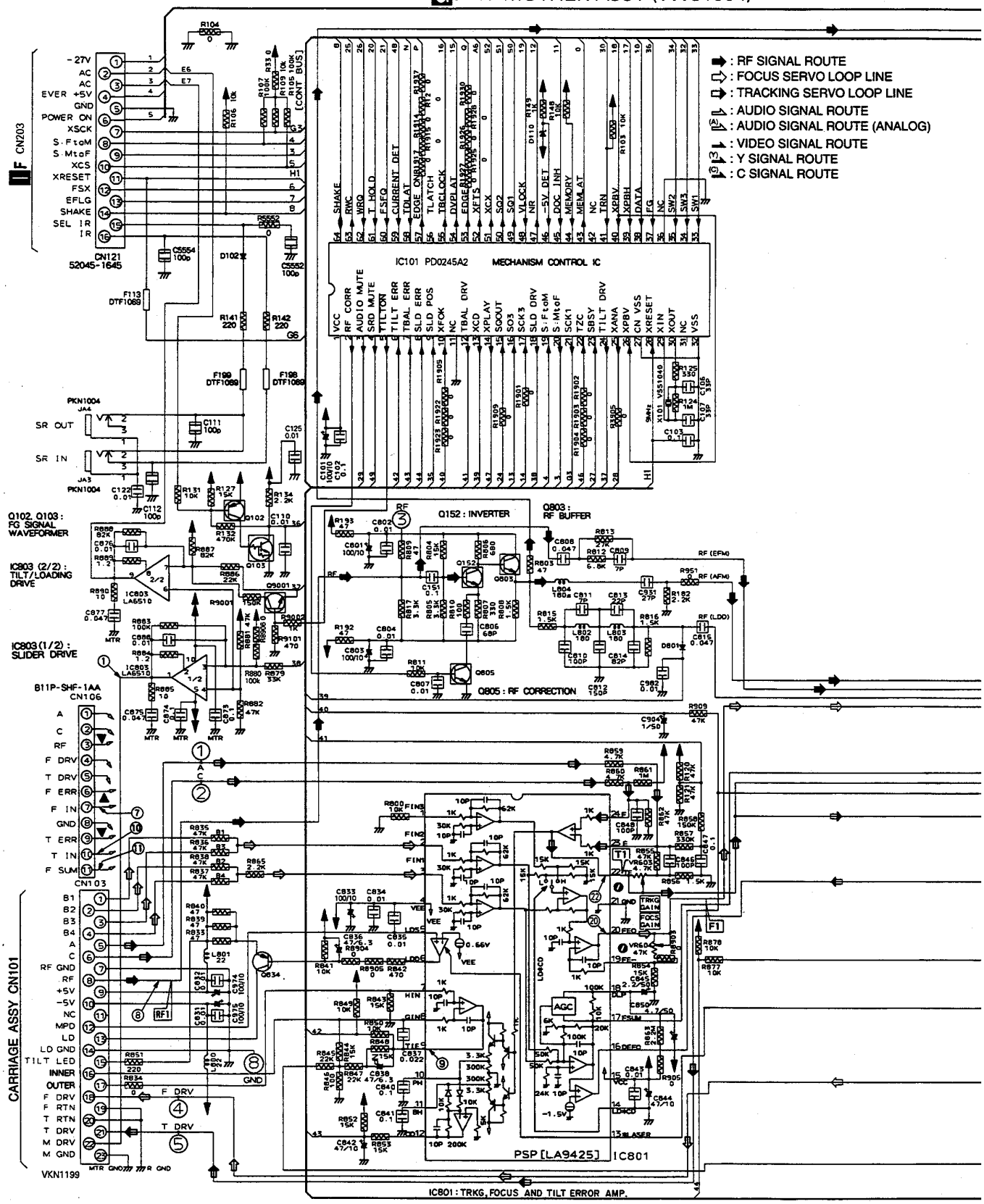
④ 10µsec/div

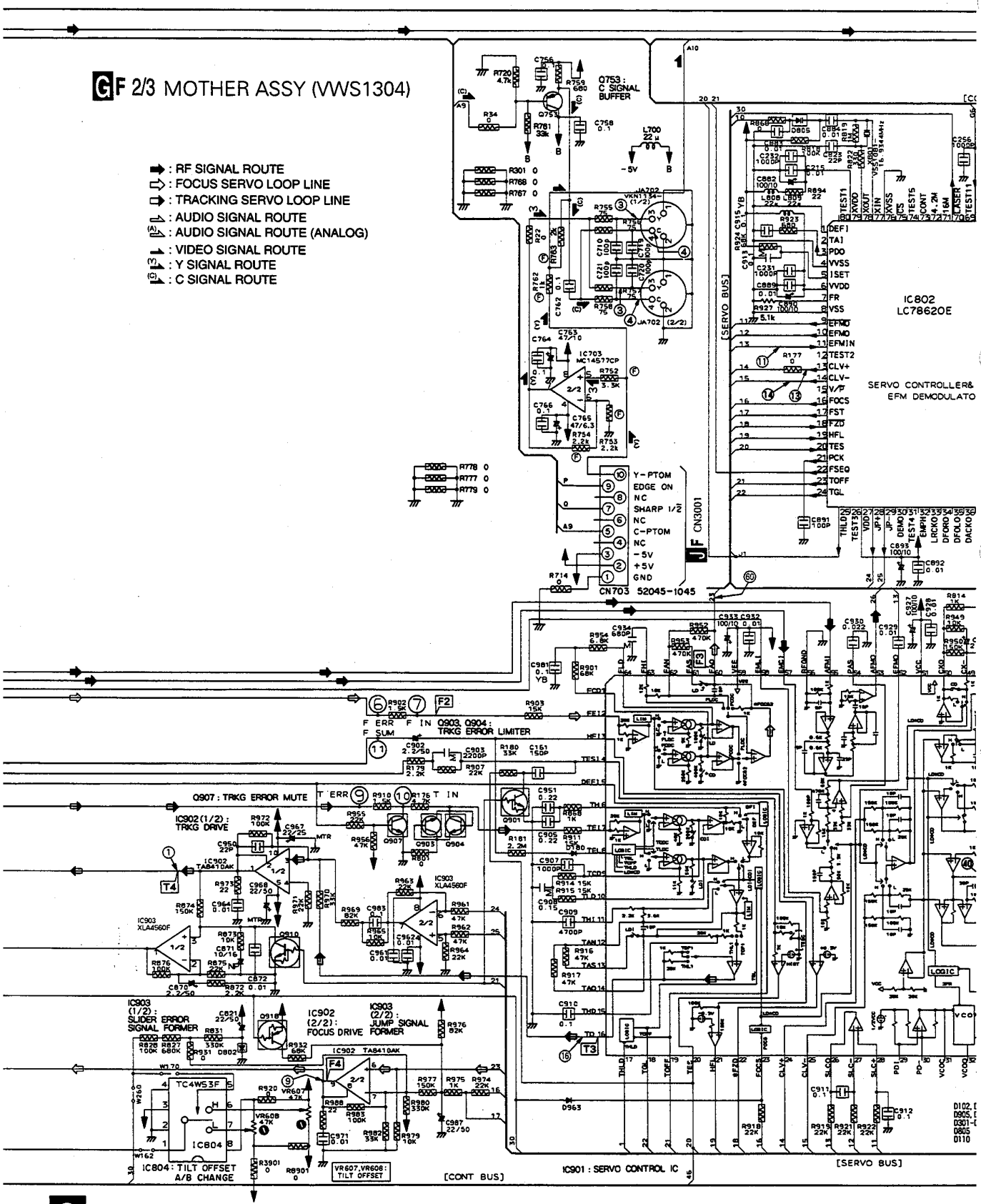


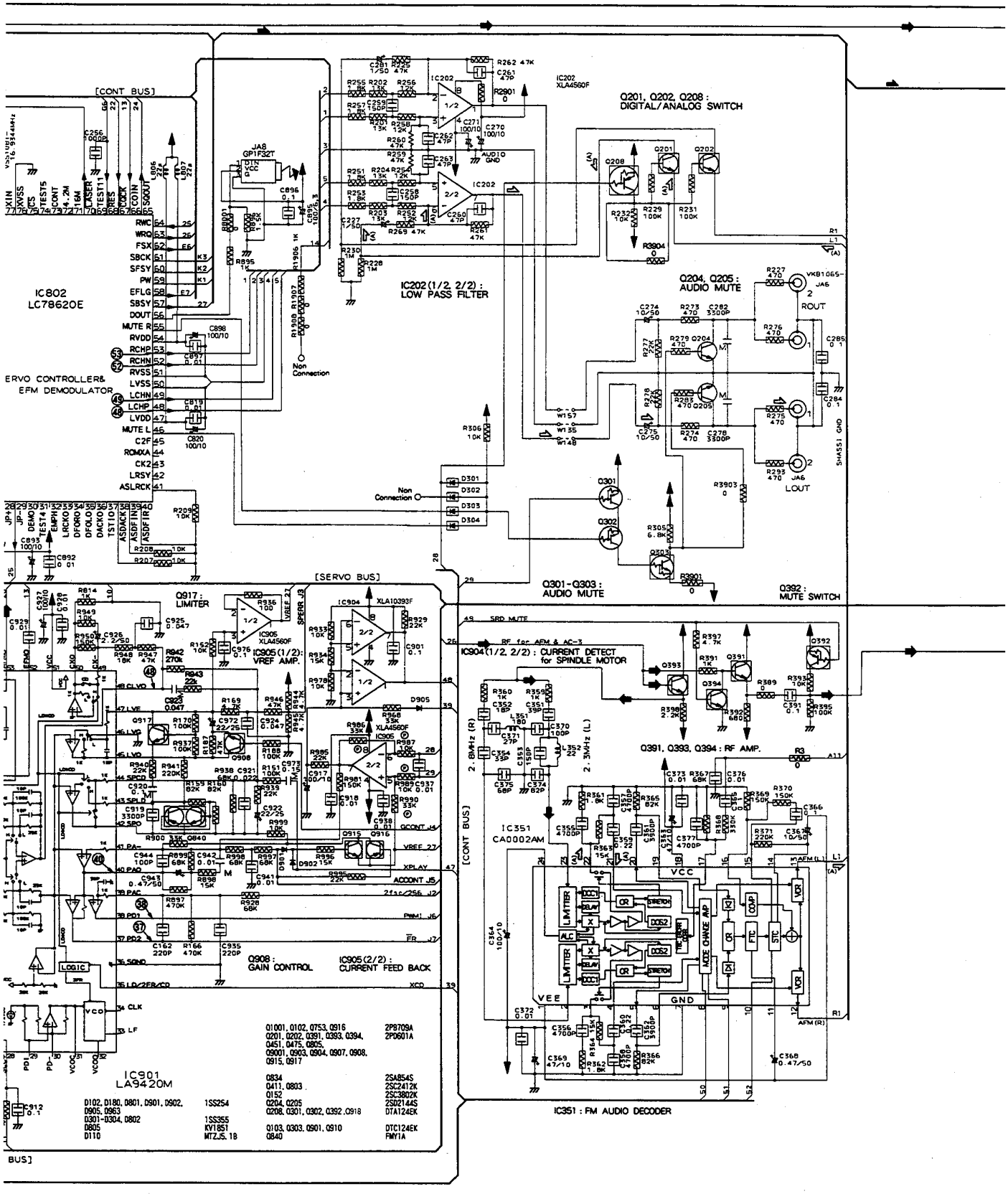
(75Ω termination)

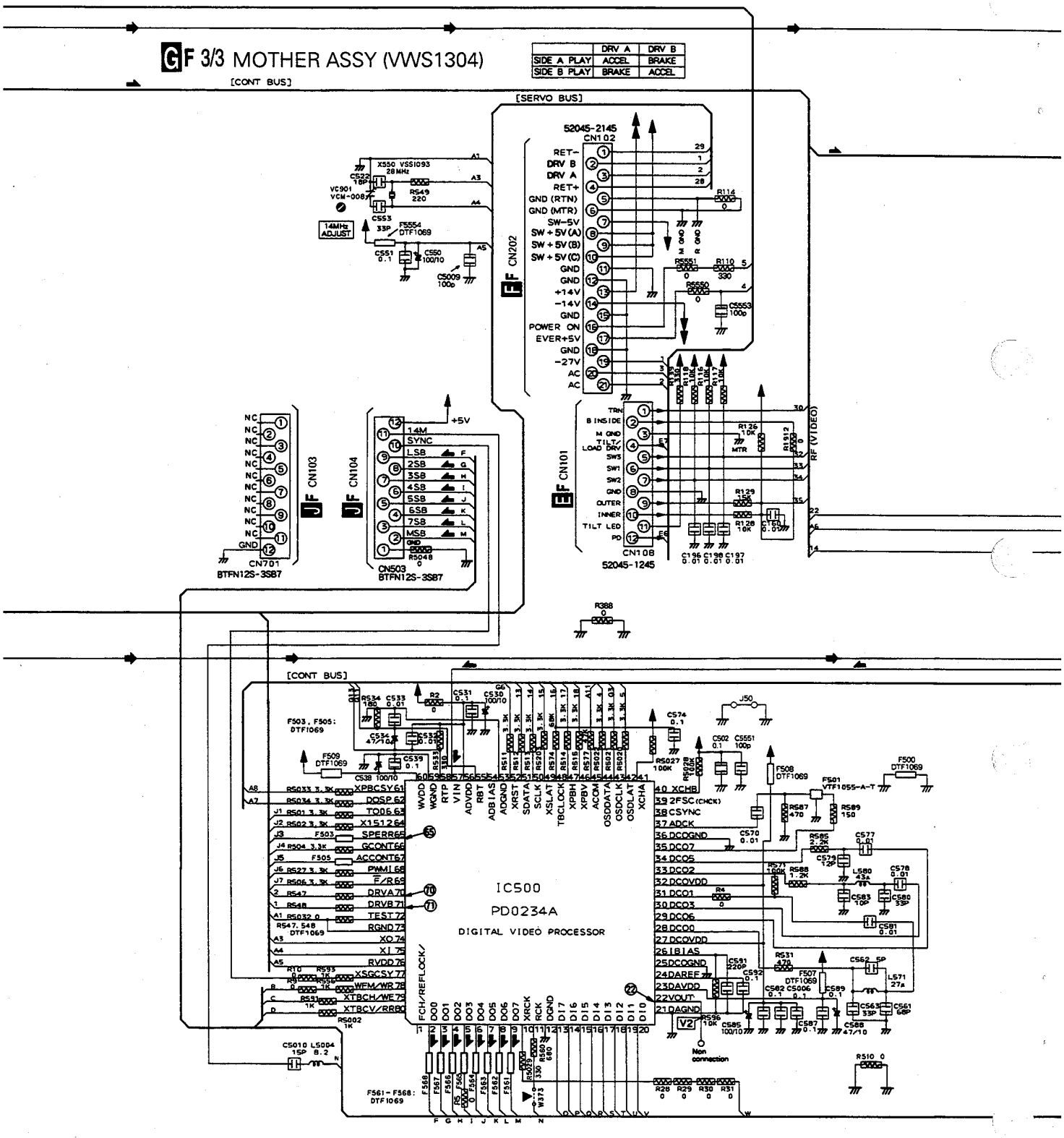
DC mode

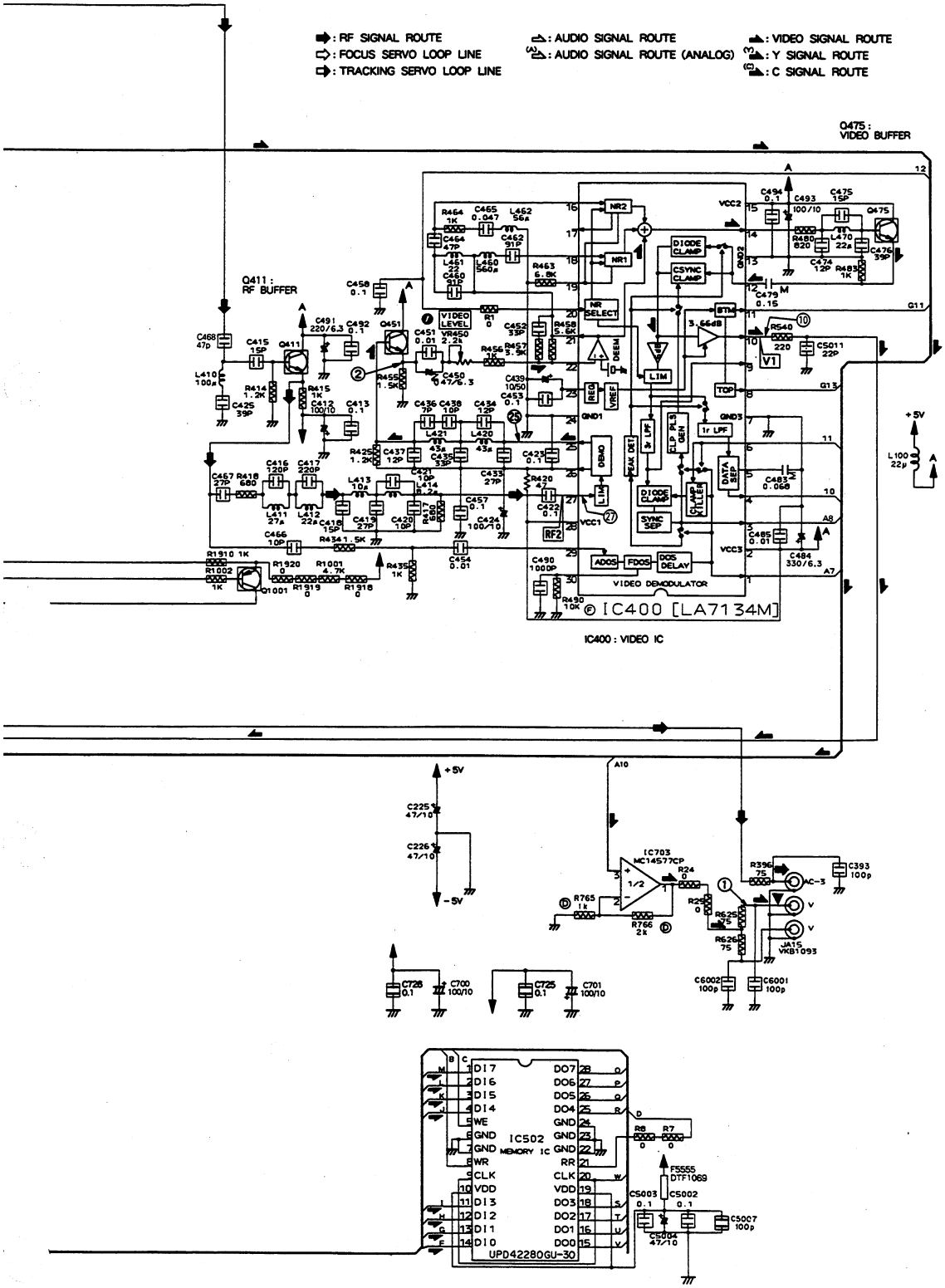
GF 1/3 MOTHER ASSY (VWS1304)



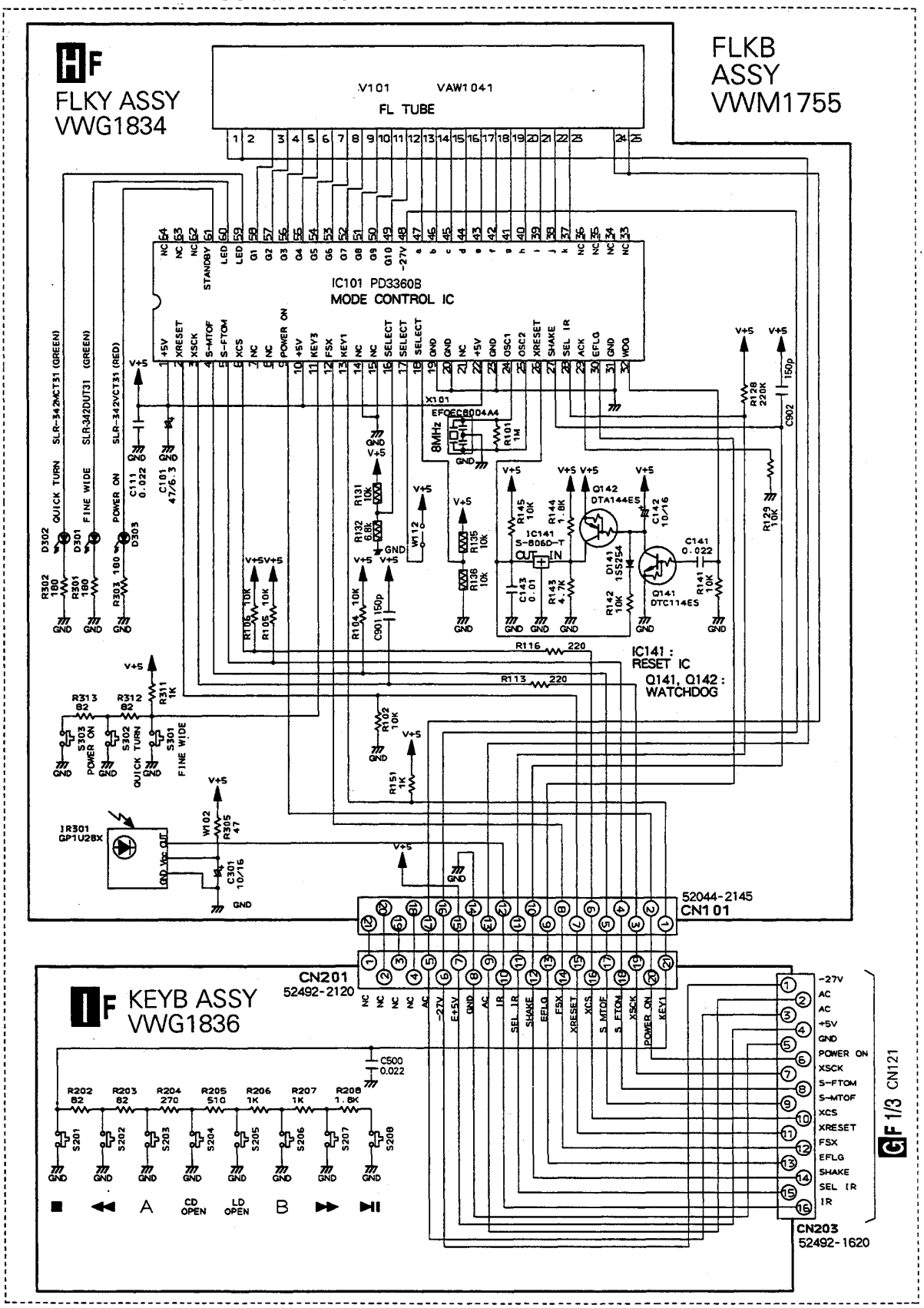

GF 2/3 MOTHER ASSY (VWS1304)
: RF SIGNAL ROUTE
: FOCUS SERVO LOOP LINE
: TRACKING SERVO LOOP LINE
: AUDIO SIGNAL ROUTE
(A) : AUDIO SIGNAL ROUTE (ANALOG)
: VIDEO SIGNAL ROUTE
(Y) : Y SIGNAL ROUTE
(C) : C SIGNAL ROUTE
Q753 : C SIGNAL BUFFER
IC802 LC78620E
SERVO CONTROLLER& EFM DEMODULATO
CN703 52045-1045
Y-PTOM
EDGE ON
NC
SHARP 1/2
NC
C-PTOM
NC
-5V
+5V
GND
CN3001
Q907 : TRKG ERROR MUTE
IC902(1/2) : TRKG DRIVE
IC902 (2/2) : FOCUS DRIVE
IC903 (1/2) : SLIDER ERROR SIGNAL FORMER
IC903 (2/2) : JUMP SIGNAL FORMER
IC804 : TILT OFFSET A/B CHANGE
VR607,VR608 : TILT OFFSET
IC901 : SERVO CONTROL IC
[SERVO BUS]
[CONT BUS]
F ERR F IN Q903, Q904 : TRKG ERROR LIMITER
F SUM
T ERR T IN


[CONT BUS]
IC802
LC78620E
ERVO CONTROLLER&
EFM DEMODULATOR
IC202(1/2, 2/2):
LOW PASS FILTER
IC202
XLA4560F
Q201, Q202, Q208:
DIGITAL/ANALOG SWITCH
Q204, Q205:
AUDIO MUTE
ROUT
LOUT
Q301-Q303:
AUDIO MUTE
Q392:
MUTE SWITCH
[SERVO BUS]
Q917:
LIMITER
IC905(1/2):
VREF AMP.
IC904(1/2, 2/2): CURRENT DETECT
for SPINDLE MOTOR
Q391, Q393, Q394: RF AMP.
Q908:
GAIN CONTROL
IC905(2/2):
CURRENT FEED BACK
IC901
LA9420M
IC351
CA0002AM
IC351 : FM AUDIO DECODER
VCC
VEE
GND
BUS]


GF 3/3 MOTHER ASSY (VWS1304)
DRV A
DRV B
SIDE A PLAY
ACCEL
BRAKE
SIDE B PLAY
BRAKE
ACCEL
[CONT BUS]
[SERVO BUS]
52045-2145
CN102
CN202
RET-
DRV B
DRV A
RET+
GND (RTN)
GND (MTR)
SW-5V
SW + 5V (A)
SW + 5V (B)
SW + 5V (C)
GND
GND
+14V
-14V
GND
POWER ON
EVER+5V
GND
-27V
AC
AC
CN101
CN108
52045-1245
CN103
CN104
CN701
BTFN12S-3SB7
CN503
BTFN12S-3SB7
+5V
14M
SYNC
LSB
2SB
3SB
4SB
5SB
6SB
7SB
MSB
RF (VIDEO)
IC500
PD0234A
DIGITAL VIDEO PROCESSOR
[CONT BUS]
F503, F505:
DTF1069
F561 - F568:
DTF1069
Non connection


: RF SIGNAL ROUTE
: FOCUS SERVO LOOP LINE
: TRACKING SERVO LOOP LINE
: AUDIO SIGNAL ROUTE
: AUDIO SIGNAL ROUTE (ANALOG)
: VIDEO SIGNAL ROUTE
: Y SIGNAL ROUTE
: C SIGNAL ROUTE
Q475 : VIDEO BUFFER
Q411 : RF BUFFER
VIDEO DEMODULATOR
IC400 [LA7134M]
IC400 : VIDEO IC
IC703 MC14577CP
IC502 MEMORY IC
UPD42280GU-30
+5V
-5V

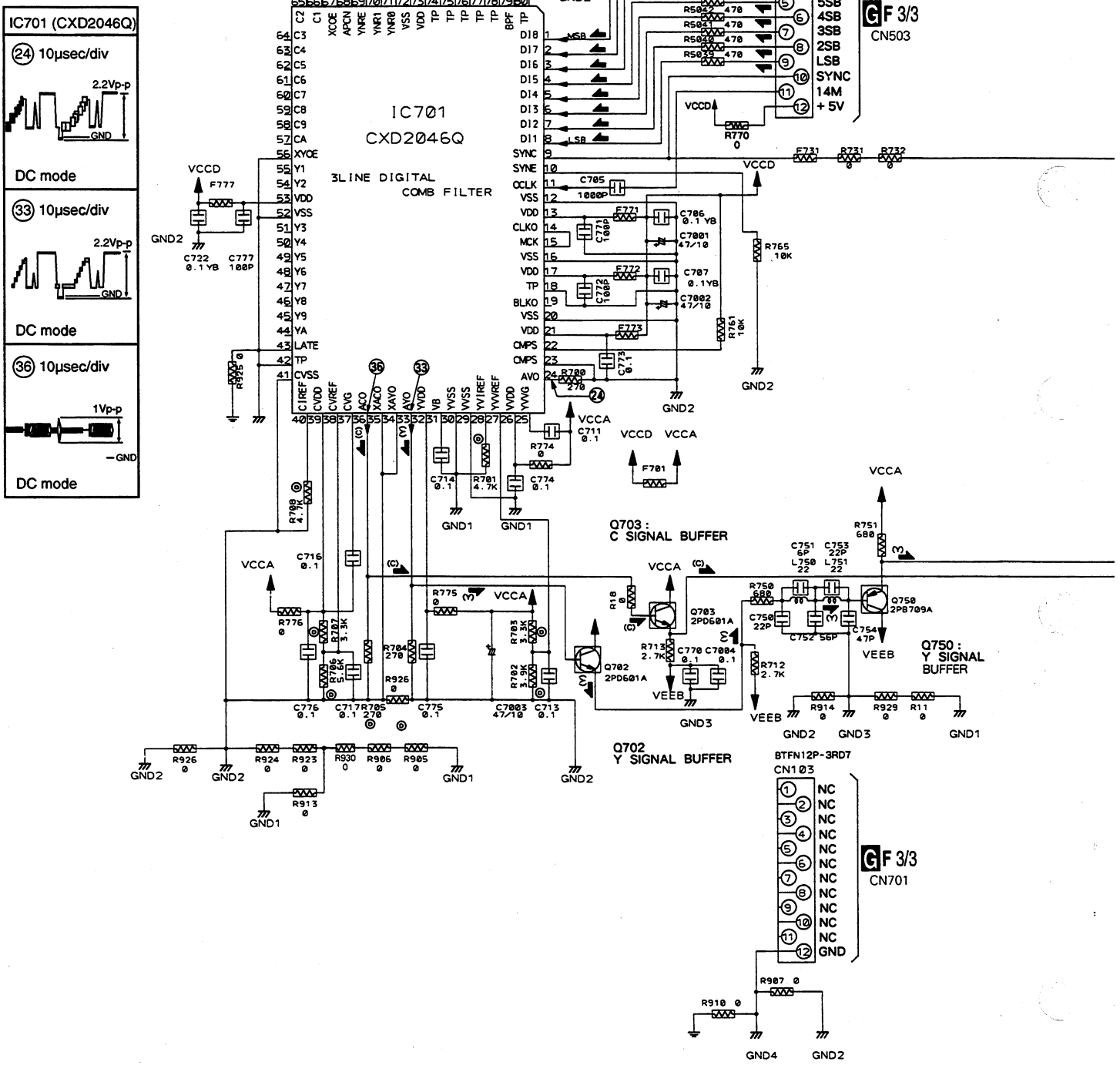
2.4 FLKY AND KEYB ASSEMBLIES

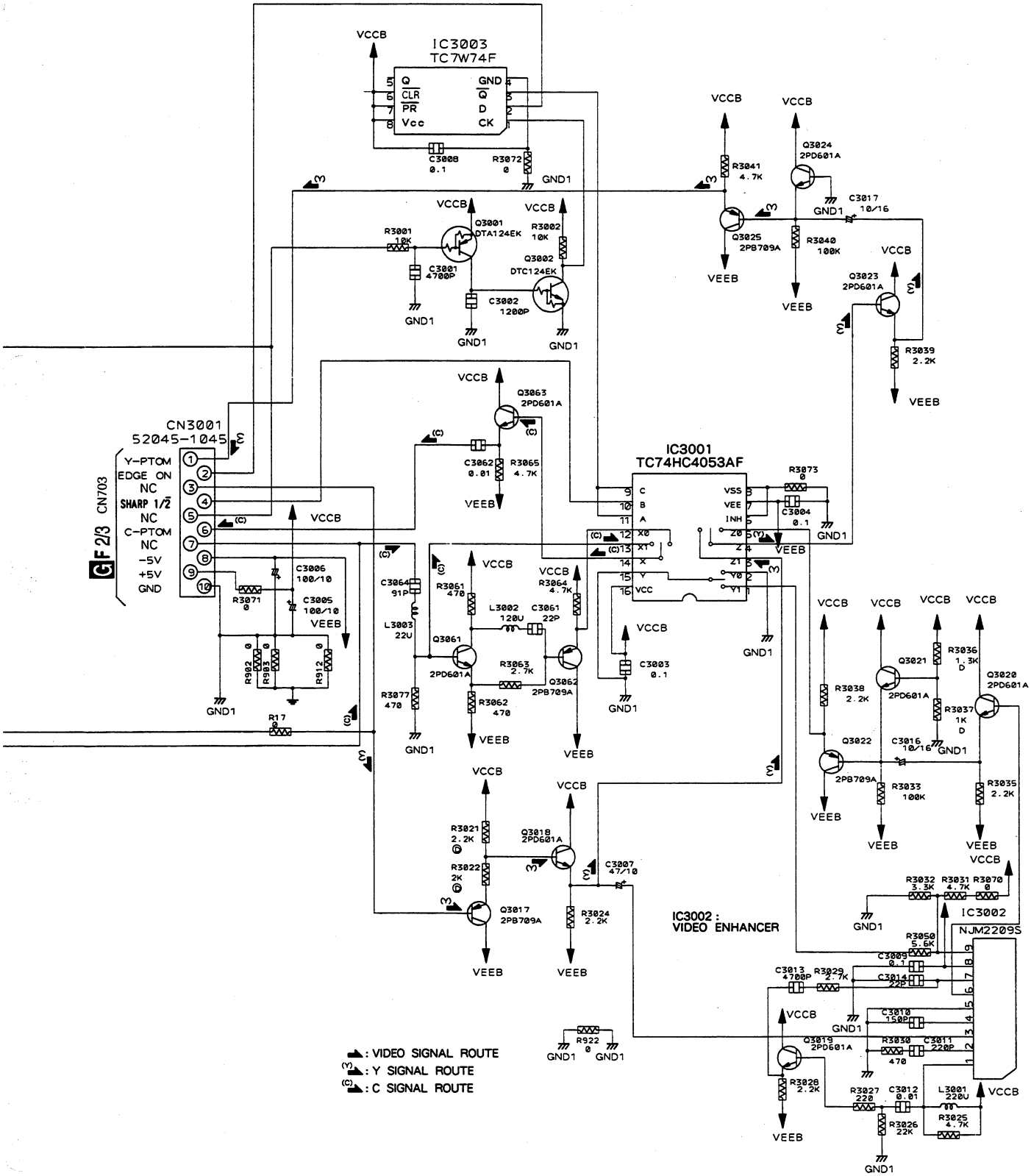


2.5 YCPB ASSY

JF

YCPB ASSY
VWV1502

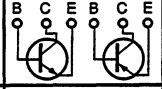
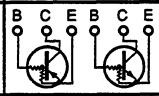
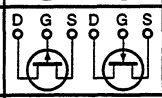
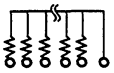



IC3003
TC7W74F
IC3001
TC74HC4053AF
CN3001
52045-1045
CN703
GF 2/3
Y-PTOM
EDGE ON
NC
SHARP 1/2
NC
C-PTOM
NC
-5V
+5V
GND
IC3002 :
VIDEO ENHANCER
NJM2209S
: VIDEO SIGNAL ROUTE
: Y SIGNAL ROUTE
: C SIGNAL ROUTE

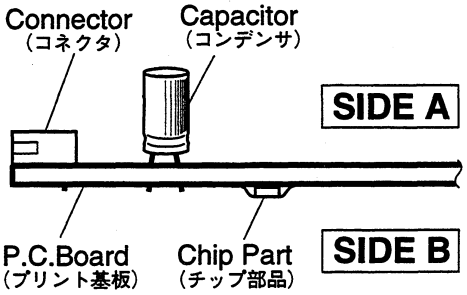
3. PCB CONNECTION DIAGRAM

NOTE FOR PCB DIAGRAMS :

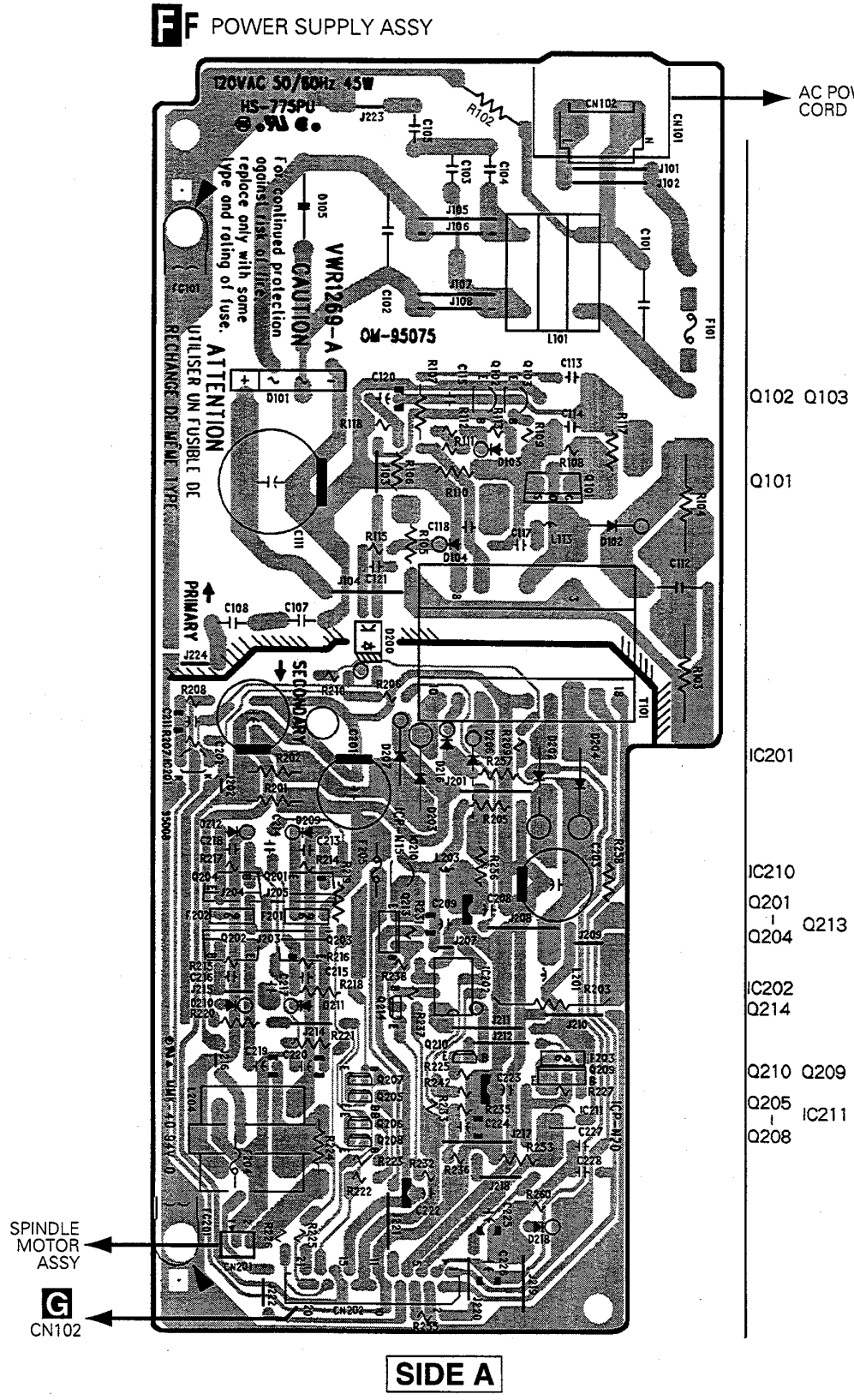
1. Part numbers in PCB diagrams match those in the schematic diagrams.
2. A comparison between the main parts of PCB and schematic diagrams is shown below.

Symbol In PCB Diagrams	Symbol In Schematic Diagrams	Part Name
		Transistor
		Transistor with resistor
		Field effect transistor
		Resistor array
		3-terminal regulator

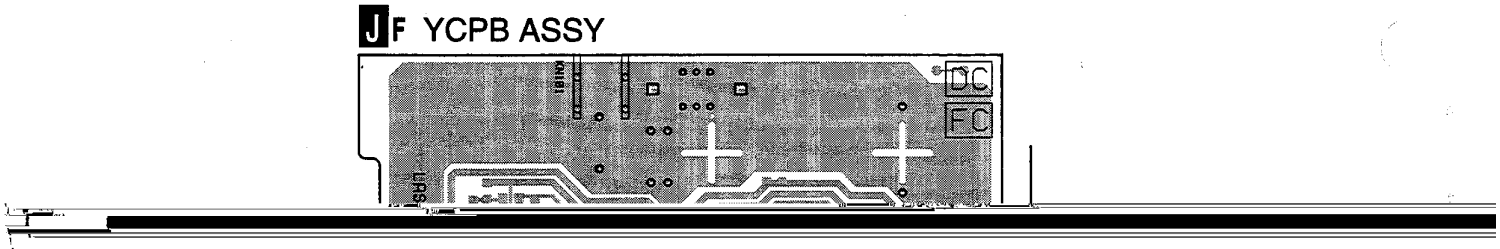
3. The parts mounted on this PCB include all necessary parts for several destinations.
   For further information for respective destinations, be sure to check with the schematic diagram.
4. View point of PCB diagrams.



3.1 POWER SUPPLY ASSY

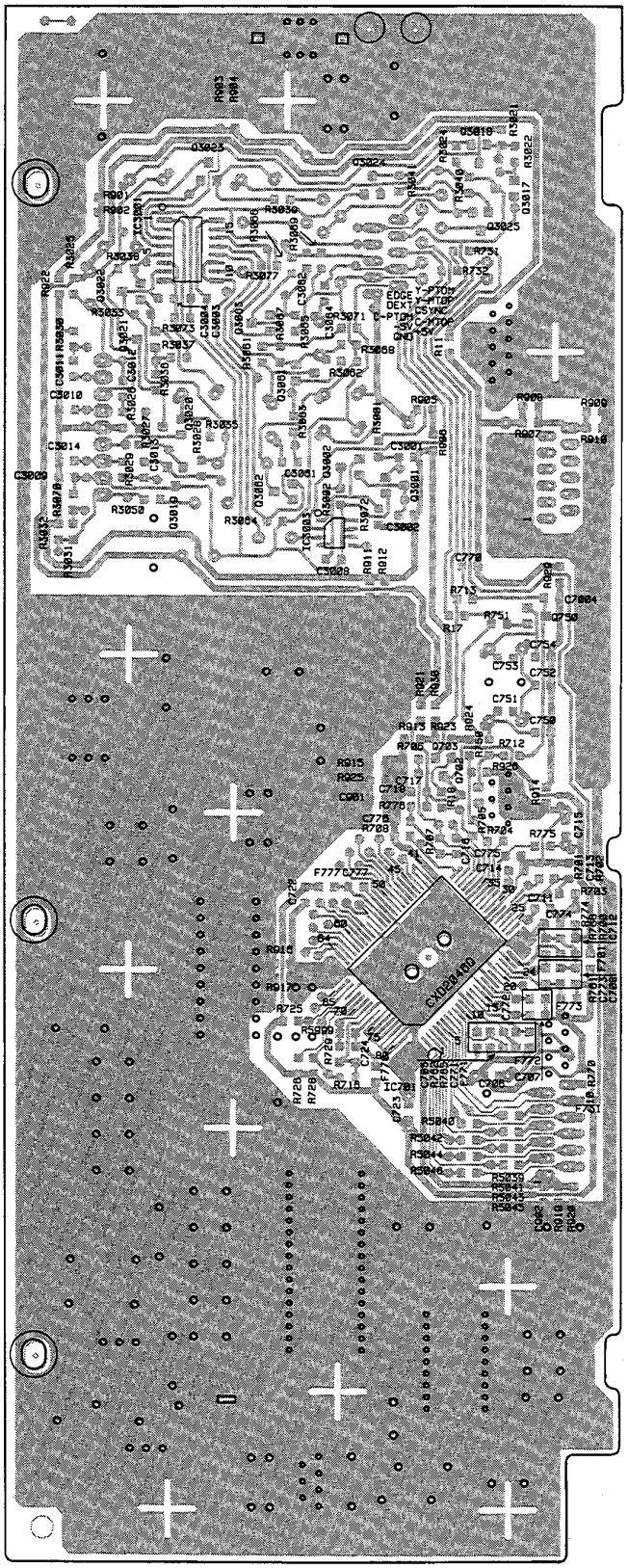


3.2 YCPB ASSY



JF YCPB ASSY

Q3018
Q3023 Q3024
Q3017
Q3025
IC3001
Q3022
Q3063
Q3021
Q3061
Q3020
Q3002
Q3062 Q3001
Q3019 IC3003
Q750
Q703
Q702
IC701



SIDE B